

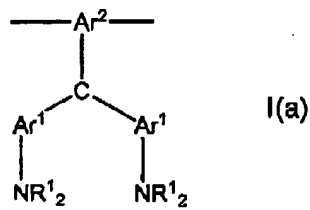
Application No.: 10/612,237

Docket No.: UC0213USNA

Page 2

AMENDMENTS TO CLAIMS

1. (Currently Amended) A composition comprising a polymer having at least one first monomeric unit having Formula I(a), ~~in Figure 1,~~



wherein:

Ar¹ can be the same or different at each occurrence and is selected from aryl and heteroaryl;

Ar² can be the same or different at each occurrence and is selected from arylene and heteroarylene;

R¹ can be the same or different at each occurrence and is selected from H, alkyl, heteroalkyl, aryl, heteroaryl, arylalkylene, heteroarylalkylene, C_nH_aF_b, and C₆H_cF_d; or adjacent R¹ groups can be joined to form 5- or 6-membered rings;

n is an integer; and

a, b, c, and d are 0 or an integer such that a+b = 2n + 1, and c + d = 5.

2. (Original) The composition of Claim 1 wherein Ar¹ is selected from phenyl, substituted phenyl, biphenyl, substituted biphenyl, pyridyl, substituted pyridyl, bipyridyl, and substituted bipyridyl.

3. (Original) The composition of Claim 1 wherein N(R¹)₂ is selected from carbazoles, benzodiazoles, and benzotriazoles.

4. (Original) The composition of Claim 1 wherein R¹ is selected from alkyl groups having 1 through 12 carbon atoms, phenyl and benzyl.

5. Canceled.

6. Canceled.

7. Canceled.

8. Canceled.

9. Canceled.

10. Canceled.

11. Canceled.

12. Canceled.

13. Canceled.

14. Canceled.

15. Canceled.

Application No.: 10/612,237

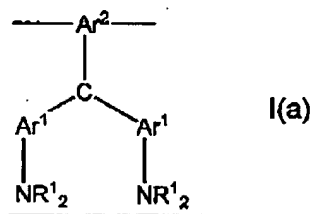
Docket No.: UC0213USNA

Page 3

16. Canceled.

17. Canceled.

18. (Currently Amended) An electronic device comprising a composition comprising a polymer having at least one first monomeric unit having Formula I(a), ~~I(b), or I(c), in Figure 1,~~



wherein:

Ar^1 can be the same or different at each occurrence and is selected from aryl and heteroaryl;

Ar^2 can be the same or different at each occurrence and is selected from arylene and heteroarylene;

R^1 can be the same or different at each occurrence and is selected from H, alkyl, heteroalkyl, aryl, heteroaryl, arylalkylene, heteroarylalkylene, $\text{C}_n\text{H}_a\text{F}_b$, and $\text{C}_6\text{H}_c\text{F}_d$; or adjacent R^1 groups can be joined to form 5- or 6-membered rings;

n is an integer;

y is 0, 1, 2, or 3;

z is 0, 1, 2, 3, or 4; and

a , b , c , and d are 0 or an integer such that $a+b = 2n+1$, and $c+d = 5$.

19. (Original) The device of Claim 18 wherein Ar^1 is selected from phenyl, substituted phenyl, biphenyl, substituted biphenyl, pyridyl, substituted pyridyl, bipyridyl, and substituted bipyridyl.

20. (Original) The device of Claim 18 wherein $\text{N}(\text{R}^1)_2$ is selected from carbazoles, benzodiazoles, and benzotriazoles.

21. (Original) The device of Claim 18 wherein R^1 is selected from alkyl groups having 1 through 12 carbon atoms, phenyl and benzyl.

22. Canceled.

23. Canceled.

24. Canceled.

25. Canceled.

26. Canceled.

27. Canceled.

28. Canceled.

Application No.: 10/612,237

Docket No.: UC0213USNA

Page 4

29. Canceled.

30. Canceled.

31. Canceled.

32. Canceled.

33. Canceled.

34. Canceled.

35. Canceled.

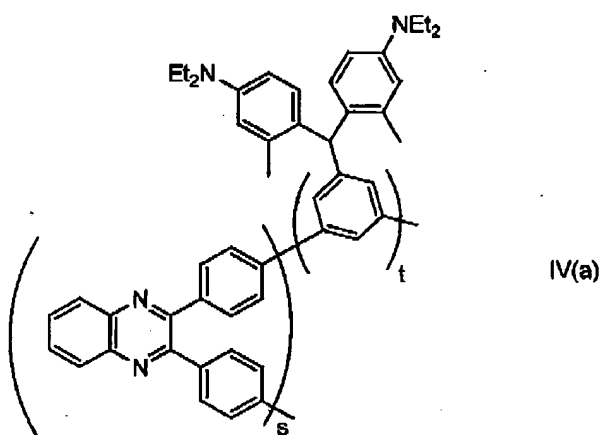
36. Canceled.

37. Canceled.

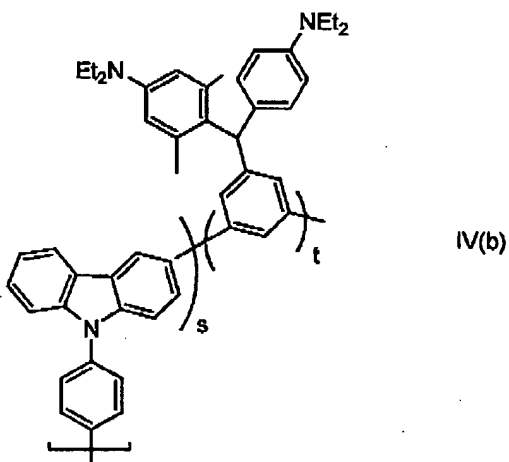
38. Canceled.

39. Canceled.

40. (New) A composition comprising a polymer having a formula selected from Formulae IV(a), IV(b), IV(d) and IV(e).



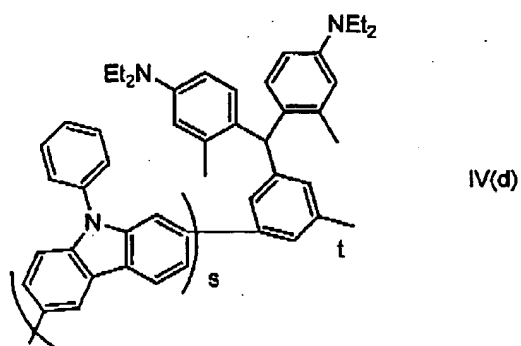
IV(a)



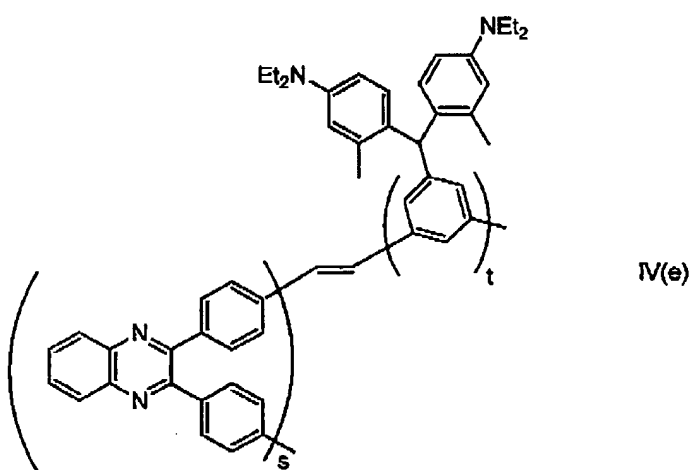
IV(b)

Application No.: 10/612,237
Docket No.: UC0213USNA

Page 5



IV(d)



IV(e)